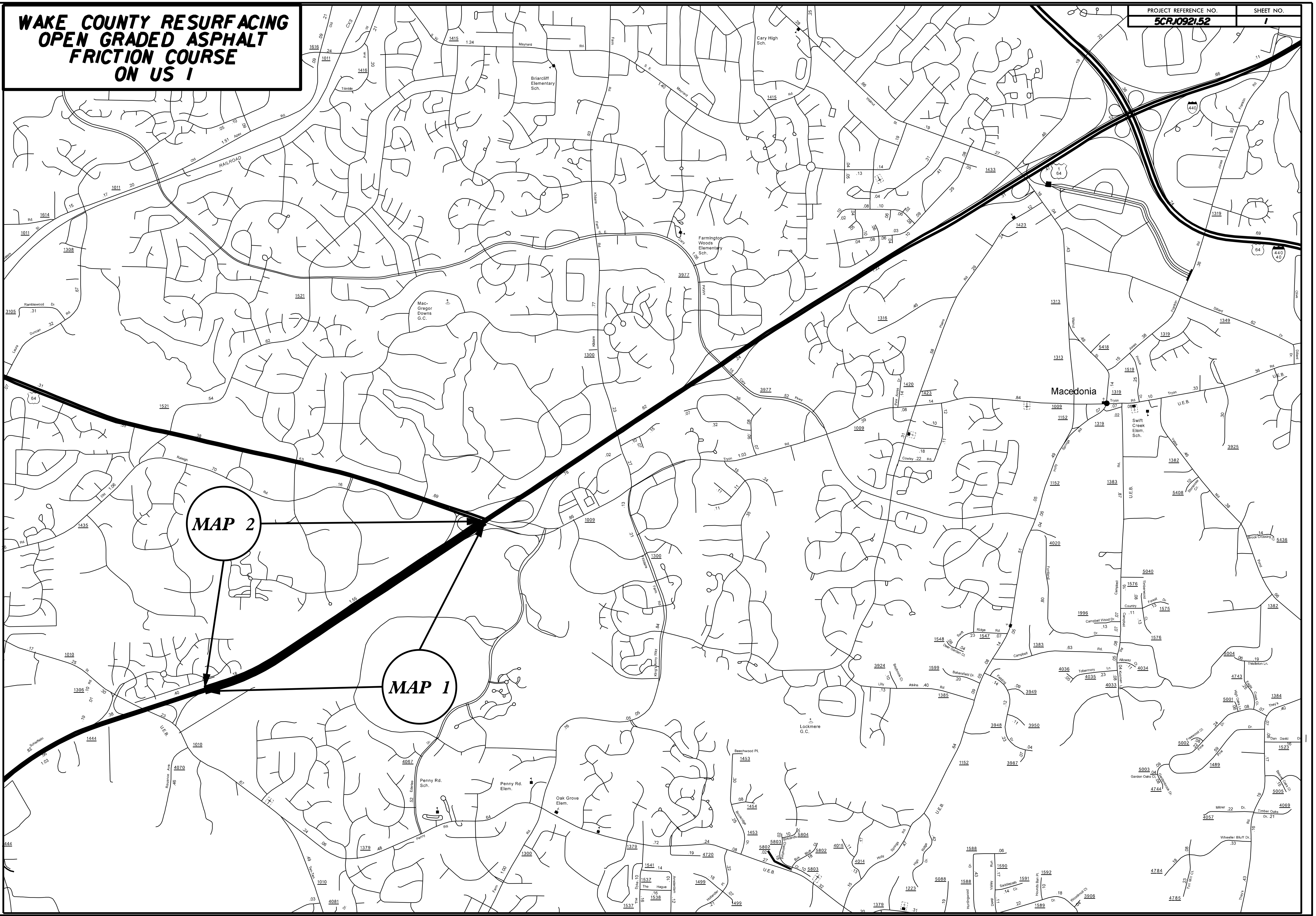
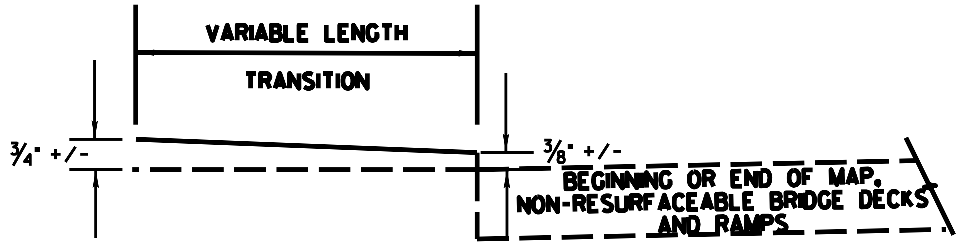
PROJECT REFERENCE NO.	SHEET NO.
5CRJ0921.52	1

WAKE COUNTY RESURFACING
OPEN GRADED ASPHALT
FRICTION COURSE
ON US 1

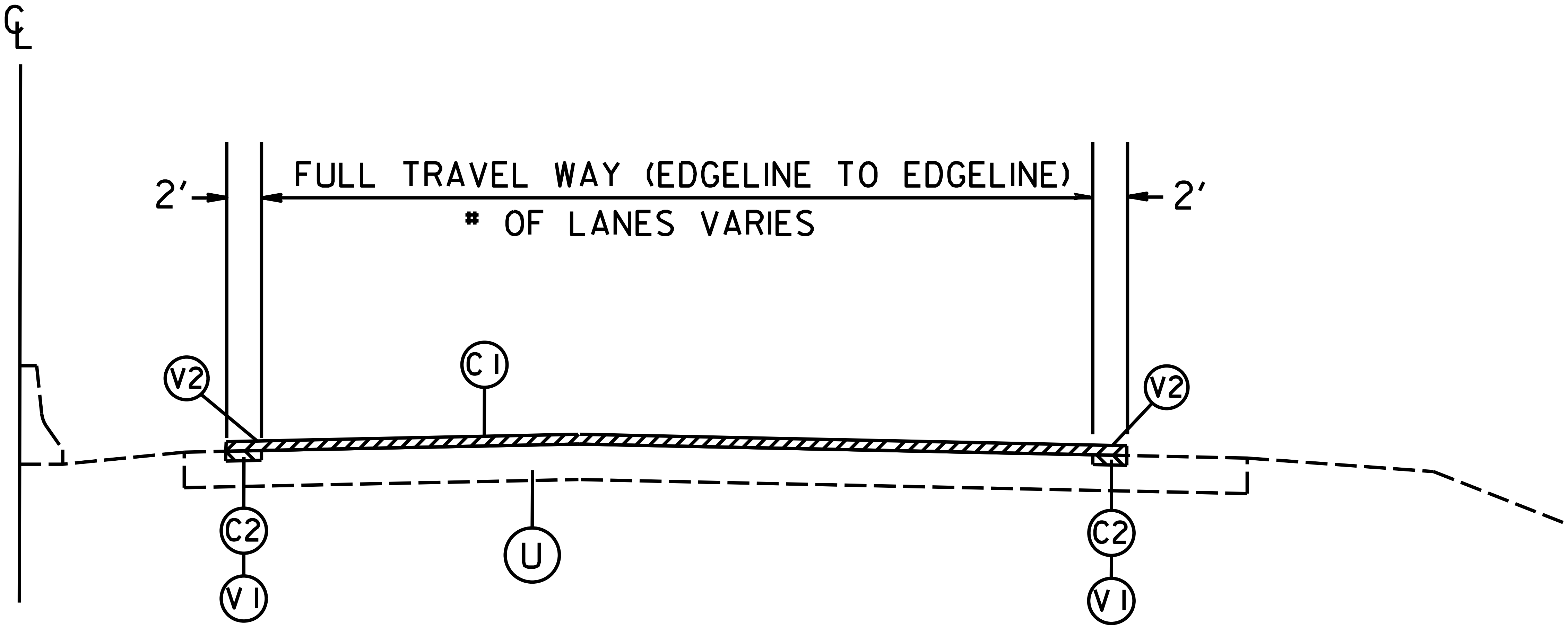


PAVEMENT SCHEDULE

C1	PROP. APPROX. ¾" OPEN GRADED FRICTION COURSE, TYPE FC-1 MODIFIED, AT AN AVERAGE RATE OF 75 LBS. PER SQ. YD.
C2	PROP. APPROX. 1-½" ASPH. CONC. SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
V1	MILL 1 1/2" IN DEPTH
V2	MILLED RUMBLE STRIPS
U	EXISTING PAVEMENT



TRANSITION AREA AT BEGINING OR END OF MAP,
NON-RESURFACEABLE BRIDGE DECKS AND RAMPS
(USE OGAFC, TYPE FC-1 MODIFIED AS PER SECTION 650)



TYPICAL SECTION NO. 1

PROJECT NO.	SHEET NO.	TOTAL NO.
5CR.10921.52		

SUMMARY OF QUANTITIES

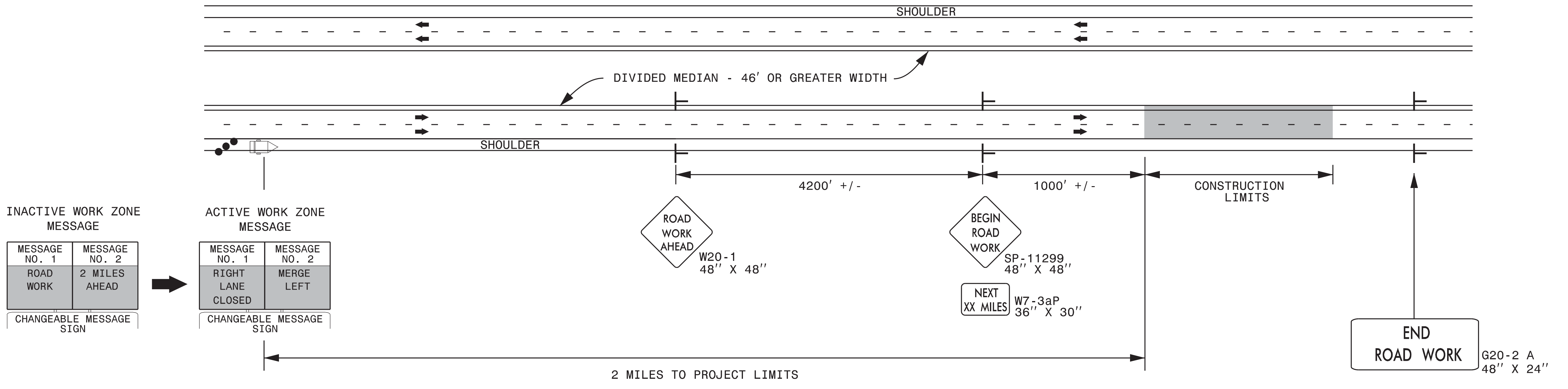
PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	FINAL SURFACE TESTING REQUIRED	WARM MIX ASPHALT REQUIRED	LENGTH MI	WIDTH FT	1½" MILLING SY	SURFACE COURSE, S9.5B TONS	ASPHALT BINDER FOR PLANT MIX TON	POLYMER MODIFIED ASPHALT BINDER FOR PLANT MIX TON	OPEN-GRADED ASPHALT FRICTION COURSE, TYPE FC-1 MODIFIED TON	MILLED RUMBLE STRIPS (ASPHALT CEMENT CONCRETE) LF
5CR.10921.52	Wake	1	US 1 NB	FROM 1.7 MILES SOUTH TO THE BRIDGE OVER US 64/SR 1009 (TRYON ROAD)	1	2		NO	NO	1.7	28	3,989	342	21	87	1,420	15,840
TOTAL FOR MAP NO. 1										**1.7**		**3,989**	**342**	**21**	**87**	**1,420**	**15,840**
5CR.10921.52	Wake	2	US 1 SB	FROM THE BRIDGE OVER US 64/SR 1009 (TRYON ROAD) TO 1.7 MILES SOUTH	1	4		NO	NO	1.7	28	3,989	342	21	91	1,488	15,840
TOTAL FOR MAP NO. 2										**1.7**		**3,989**	**342**	**21**	**91**	**1,488**	**15,840**
TOTAL FOR PROJ NO. 5CR.10921.52										**3.4**		**7,978**	**684**	**42**	**178**	**2,908**	**31,680**
GRAND TOTAL										**3.4**		**7,978**	**684**	**42**	**178**	**2,908**	**31,680**

THERMOPLASTIC AND PAINT QUANTITIES

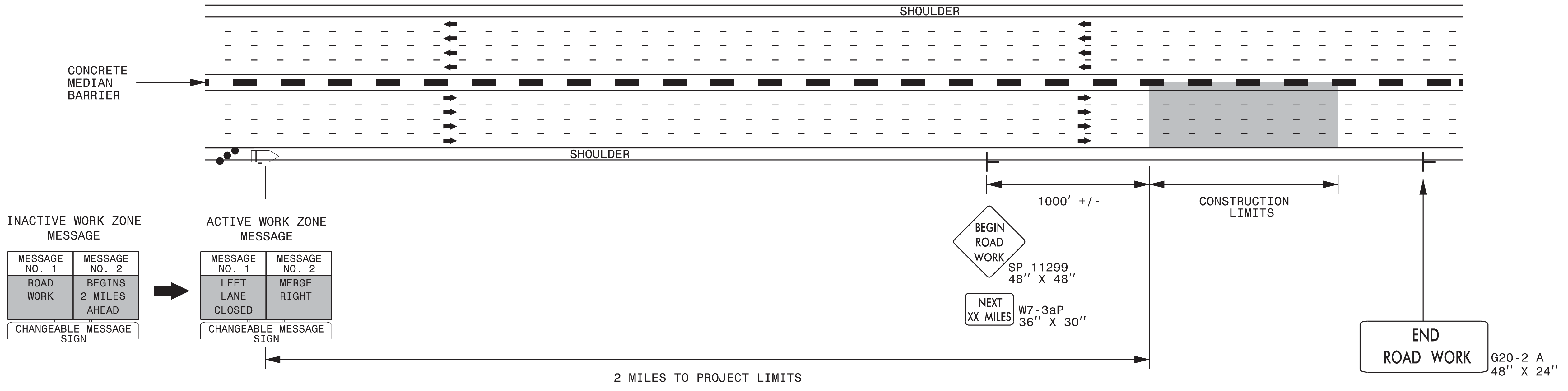
										4413000000-E	**4457000000-N**	**4510000000-N**	**4688000000-E**		**4690000000-E**	**4700000000-E**	**4702000000-E**	**4721000000-E**	**4725000000-E**		**4905000000-N**
PROJECT NO	**COUNTY**	**MAP NO**	**ROUTE**	**DESCRIPTION**	**TYP NO**	**LANES**	**LANE TYPE**	**LENGTH**	**WIDTH**	**WORK ZONE ADVANCE/GENERAL WARNING SIGNING SF**	**TEMPORARY TRAFFIC CONTROL LS**	**LAW ENFORCEMENT HR**	**6" X 90 M WHITE THERMO LF**	**6" X 90 M YELLOW THERMO LF**	**6" X 120 M WHITE THERMO LF**	**12" X 90 M WHITE THERMO LF**	**12" X 120 M WHITE THERMO LF**	**THERMO MSG ONLY 120 M EA**	**THERMO MERGE ARROW 90 M EA**	**THERMO RT ARROW 90 M EA**	**SNOW PLOWABLE MARKERS EA**
5CR.10921.52	Wake	1	US 1 NB	FROM 1.7 MILES SOUTH TO THE BRIDGE OVER US 64/SR 1009 (TRYON ROAD)	1	2		1.7	28	175	0.50	68	8,976	8,976	2,594	1,440			3		337
TOTAL FOR MAP NO. 1								**1.7**		**175**	**0.50**	**68**	**8,976**	**8,976**	**2,594**	**1,440**			**3**		**337**
5CR.10921.52	Wake	2	US 1 SB	FROM THE BRIDGE OVER US 64/SR 1009 (TRYON ROAD) TO 1.7 MILES SOUTH	1	4		1.7	28	175	0.50	68	8,976	8,976	3,165	1,510	275	4	8	2	337
TOTAL FOR MAP NO. 2								**1.7**		**175**	**1**	**68**	**8,976**	**8,976**	**3,165**	**1,510**	**275**	**4**	**8**	**2**	**337**
TOTAL FOR PROJ NO. 5CR.10921.52								**3.4**		**350**	**1**	**136**	**17,952**	**17,952**	**5,759**	**2,950**	**275**	**4**	**11**	**2**	**674**
													35,904						**13**		
GRAND TOTAL								**3.4**		**350**	**1**	**136**	**17,952**	**17,952**	**5,759**	**2,950**	**275**	**4**	**11**	**2**	**674**
													35,904						**13**		

PROJ. REFERENCE NO.	SHEET NO.

DIVIDED MEDIANS WITH WIDTHS 46′ OR GREATER



DIVIDED MEDIANS WITH WIDTHS LESS THAN 46′ OR WITH PERMANENT MEDIAN BARRIER



NOTES:

1) LATERAL CLEARANCE AT ALL SIGN LOCATIONS SHALL BE 6′ AS MEASURED FROM THE EDGE OF PAVEMENT.
2) MOUNT SIGNS THAT ARE LARGER THAN 10 SQUARE FEET IN AREA ON TWO OR MORE WOOD OR U-CHANNEL SUPPORTS. PERFORATED SQUARE TUBING SUPPORT SYSTEMS MAY SUPPORT LARGER AREAS ON A SINGLE SUPPORT. FOLLOW MANUFACTURER'S RECOMMENDATIONS. THESE SYSTEMS SHALL BE NCHRP 350 COMPLIANT AND NCDOT APPROVED.
3) FOR MEDIAN WIDTHS LESS THAN 46′ (MEASURED EDGELINE TO EDGELINE) USE THE BOTTOM DRAWING.
4) IF STATIONARY GENERAL WARNING SIGNS ARE USED, THEY WILL BE PAID FOR PER SECTION 104 OF THE NCDOT STANDARD SPECIFICATIONS AS EXTRA WORK.
5) INSTALL "ROAD WORK AHEAD"(W20-1) ALONG ENTRANCE RAMPS 500′ PRIOR TO RAMP TERMINAL, AND "END ROAD WORK" (G20-2a) AT THE END OF EXIT RAMPS WITHIN THE WORK ZONE.
6) IF MILLED AREAS ARE NOT PAVED BACK BY THE END OF THE WORK DAY, PORTABLE SIGNS SHALL BE USED TO WARN DRIVERS OF THE PRESENT CONDITIONS. THESE ARE TO INCLUDE, BUT NOT LIMITED TO "ROUGH ROAD" W8-8, "UNEVEN LANES" W8-11, "GROOVED PAVEMENT" W8-15 w/MOTORCYCLE PLAQUE MOUNTED BELOW. THESE ARE TO BE DOUBLE INDICATED ON MULTI-LANE ROADWAYS WITH SPEED LIMITS 45 MPH AND GREATER AND WITH DIVIDED MEDIANS OF 46′ OR GREATER. THESE PORTABLE SIGNS ARE INCIDENTAL TO THE OTHER ITEMS OF WORK INCLUDED IN THE TEMPORARY TRAFFIC CONTROL (LUMP SUM) PAY ITEM.

LEGEND

⌂	CHANGEABLE MESSAGE SIGN (CMS)
⊢	STATIONARY SIGN
➡	DIRECTION OF TRAFFIC FLOW
●	TRAFFIC DRUM

RESURFACING ADVANCE
WARNING SIGNS FOR
HIGH SPEED FACILITIES
≥ 60 MPH

10/3/2013
S:\TMU\WZTC\Resurfacing\2013Resurfacing\2013Documents\New_Procedures_05_09_2013\Resurfacing_AdvWarn_HSpd.dgn
User:rmgarrett

TIP NO.	SHEET NO.

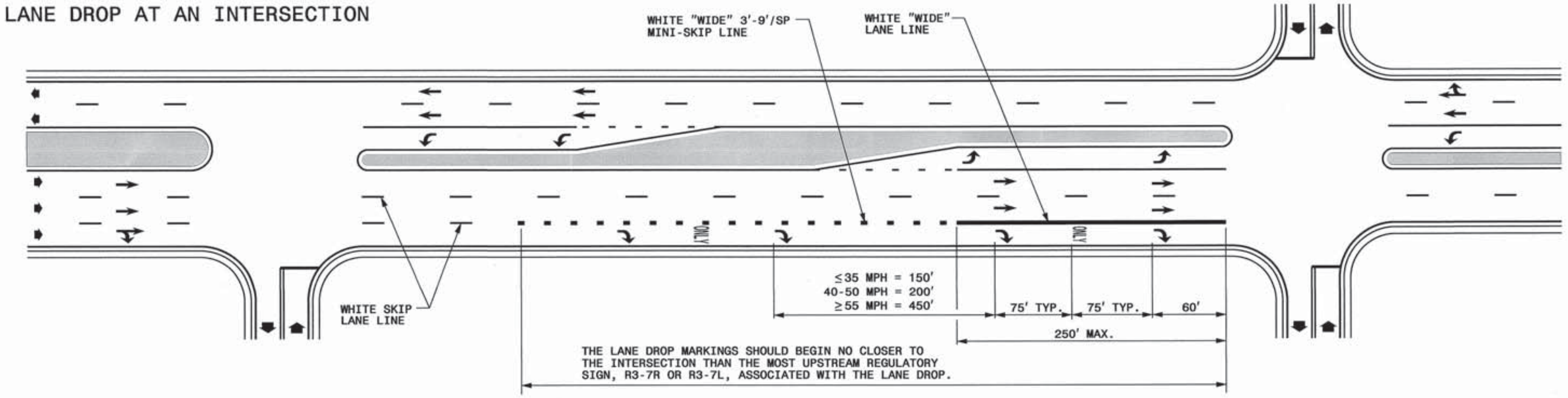
APPROVED: RLW
DATE: 3/6/12

SEAL
SEAL 022959
RONALD W. KING

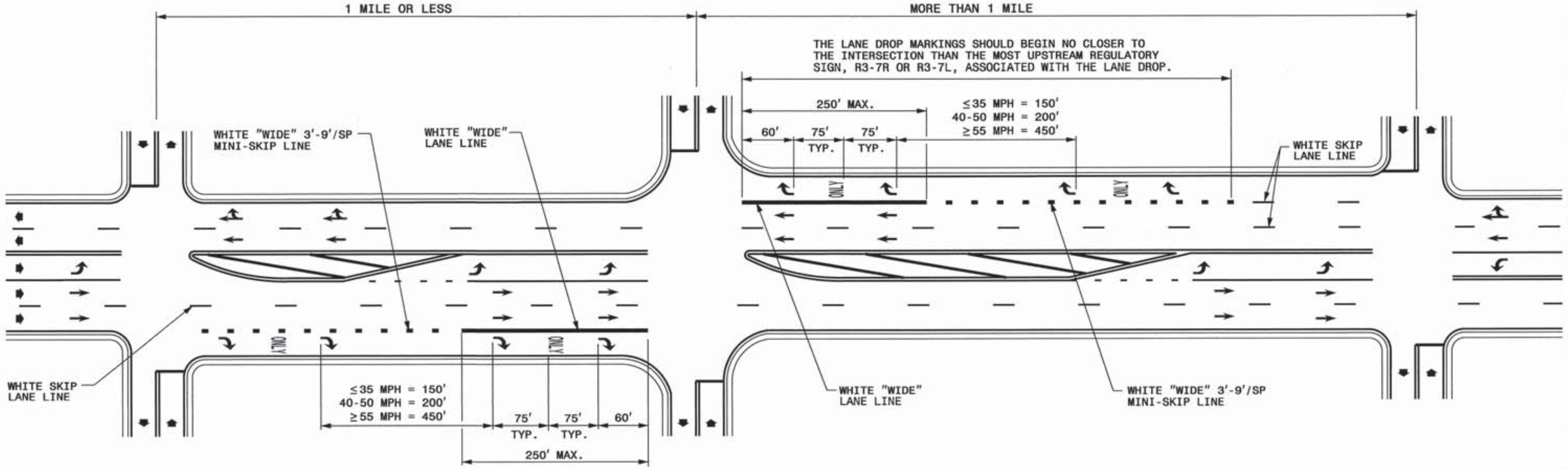
STATE OF
NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

1-12

LANE DROP AT AN INTERSECTION



LANE DROP AT AN INTERSECTION WITH AN AUXILIARY LANE



GENERAL NOTES:

1- USE THE GUIDANCE SHOWN ON THE ABOVE DETAILS IN CONJUNCTION WITH INTERSECTION GUIDANCE SHOWN ON ROADWAY STANDARD DRAWING 1205.04.

2- LANE LINES INDICATED AS "WIDE" SHALL BE AT LEAST TWICE THE WIDTH OF THE NORMAL LINE.

LEGEND

W = WIDTH OF TRAVEL LANE
↰ ONLY PAVEMENT MARKING SYMBOLS & CHARACTERS
⬅ ➡ DIRECTION OF TRAFFIC FLOW

ENGLISH DETAIL DRAWING FOR
PAVEMENT MARKINGS
LANE DROPS

SHEET 1 OF 3
1205D06

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1-12

ENGLISH DETAIL DRAWING FOR
PAVEMENT MARKINGS
LANE DROPS

SHEET 1 OF 3
1205D06

REVISED PAVEMENT MARKING
ROADWAY STANDARD DRAWING

08-MAR-2012 11:09
S:\S&DU\Standards Group\PMP\2012 Standard Drawings\Standard Dwgs 8-17-11\Revised\1205D06_Revised 9-14-11_Sealed.dgn
dstokes AT TE244745

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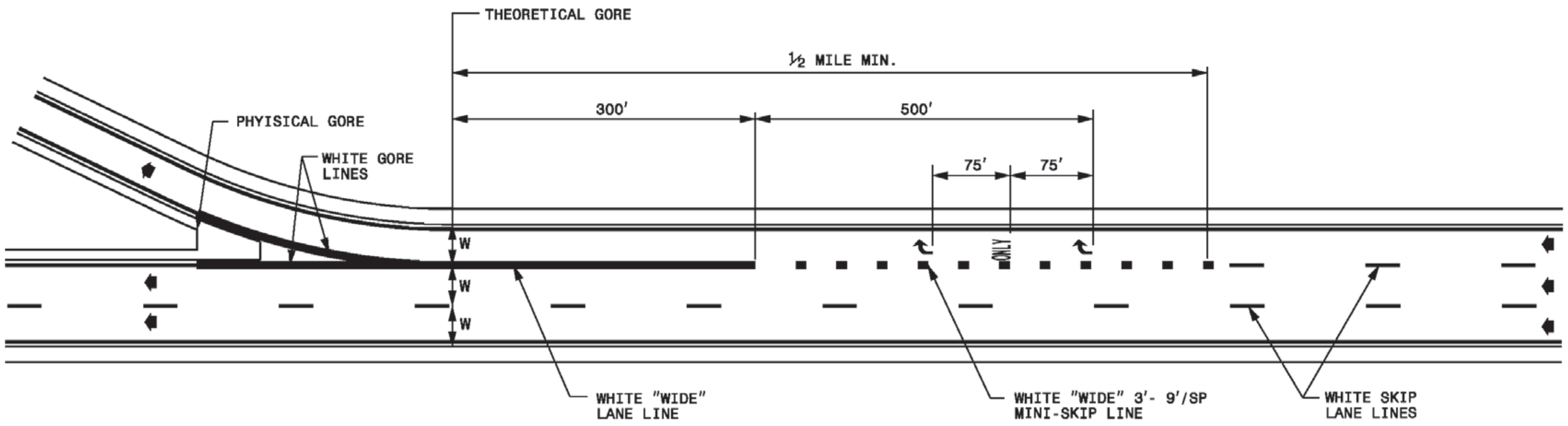
RALEIGH, N.C.

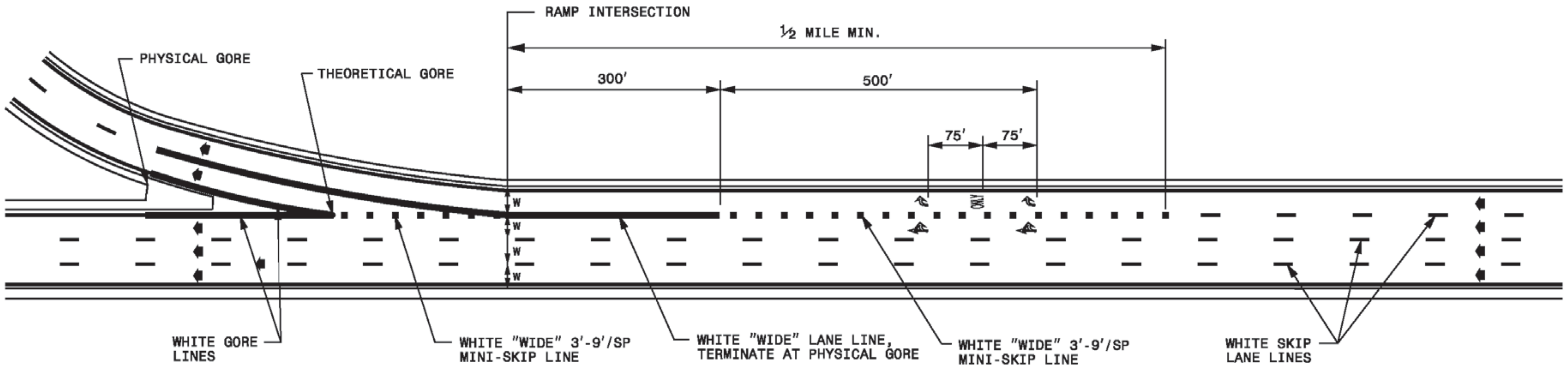
1-12

ENGLISH STANDARD DRAWING FOR
PAVEMENT MARKINGS
LANE DROPS

LANE DROP AT A SINGLE LANE EXIT RAMP



LANE DROP AT A MULTI-LANE EXIT RAMP



GENERAL NOTES:

1- USE THE GUIDANCE SHOWN ON THE FOLLOWING DETAILS IN CONJUNCTION WITH THE EXIT RAMP GUIDANCE SHOWN ON ROADWAY STANDARD DRAWING 1205.03.

2- LANE LINES INDICATED AS "WIDE" SHALL BE AT LEAST TWICE THE WIDTH OF THE NORMAL LINE.

3- GORE LINES SHALL BE TWICE THE WIDTH OF THE NORMAL LINE.

LEGEND

W = WIDTH OF TRAVEL LANE

⬅ ➡ DIRECTION OF TRAFFIC FLOW

↰ ONLY PAVEMENT MARKING SYMBOLS & CHARACTERS

SHEET 2 OF 3

1205.06

STATE OF
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RALEIGH, N.C.

1-12

ENGLISH STANDARD DRAWING FOR
PAVEMENT MARKINGS
LANE DROPS

SHEET 2 OF 3

1205.06

STATE OF
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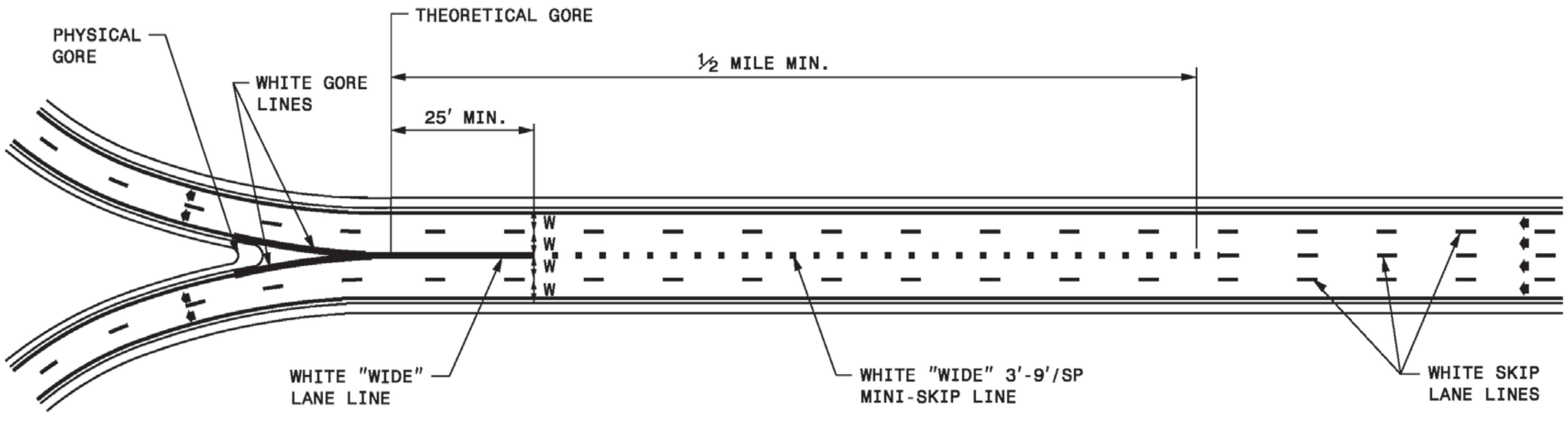
ENGLISH STANDARD DRAWING FOR
PAVEMENT MARKINGS
LANE DROPS

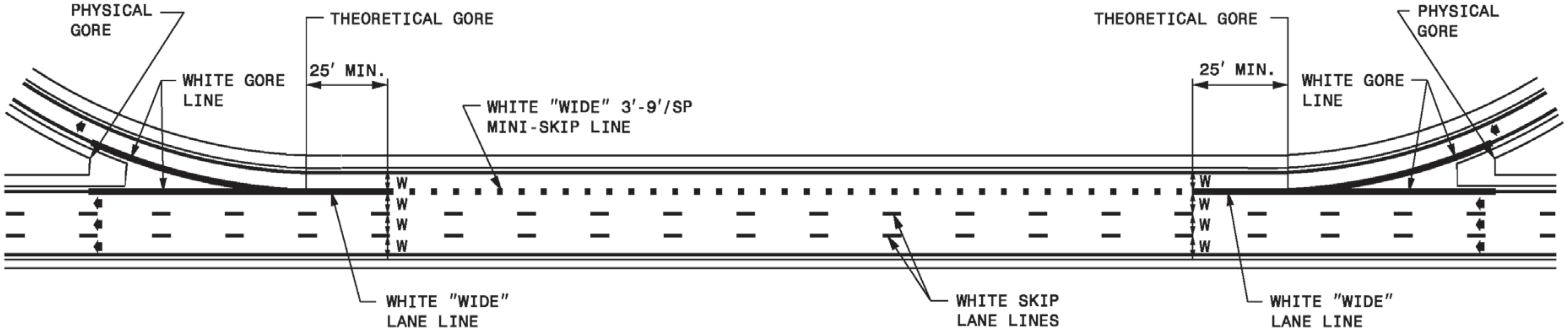
SHEET 3 OF 3

1205.06

ROUTE SPLIT WITH DEDICATED LANES



AUXILIARY LANE 2 MILES OR LESS IN LENGTH BETWEEN RAMPS



GENERAL NOTES:

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3- GORE LINES SHALL BE TWICE THE WIDTH OF THE NORMAL LINE.

LEGEND

W = WIDTH OF TRAVEL LANE

⬆⬇ DIRECTION OF TRAFFIC FLOW

↰ ONLY PAVEMENT MARKING SYMBOLS & CHARACTERS

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1-12

ENGLISH STANDARD DRAWING FOR
PAVEMENT MARKINGS
LANE DROPS

SHEET 3 OF 3

1205.06